

INTERNATIONAL SEARCH REPORT

International Application No

/IT2004/000294

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E04H4/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 533 110 A (GISONDI JOSEPH G) 13 October 1970 (1970-10-13) the whole document	1,4,6
A		2,3,7
X	DE 92 09 607 U (HENGST GÜNTER) 22 October 1992 (1992-10-22) page 2, line 8 - page 3, line 43; figure 1	1,6
A		2,7
A	US 6 286 157 B1 (BAUMANN BRIAN) 11 September 2001 (2001-09-11) column 2, line 53 - column 4, line 7; figures 1,2	1-3,5-7
A	DE 24 27 815 A (UNIVERSA HANDELS GMBH) 2 January 1976 (1976-01-02) page 8, line 1 - page 9, line 24; figures 1-8	1-3,6,7
	-/-	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

14 October 2004

Date of mailing of the international search report

25/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Stefanescu, R

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

ational Application No
/IT2004/000294

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 652 373 A (AZUR INTER SERVICES) 29 March 1991 (1991-03-29) page 5, line 28 - page 7, line 15; figures 1,2	1,2,6,7
A	FR 2 822 488 A (THEARD PATRICK) 27 September 2002 (2002-09-27) page 4, line 17 - page 5, line 34; figures 1-3	1,2,6,7

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

IT2004/000294

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3533110	A	13-10-1970	NONE	
DE 9209607	U	22-10-1992	DE 9209607 U1	22-10-1992
US 6286157	B1	11-09-2001	NONE	
DE 2427815	A	02-01-1976	DE 2427815 A1	02-01-1976
FR 2652373	A	29-03-1991	FR 2652373 A1	29-03-1991
FR 2822488	A	27-09-2002	FR 2822488 A1	27-09-2002

BEST AVAILABLE COPY